

# MATERIAL SAFETY DATA SHEET

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SECTION I		
<b>MANUFACTURER'S NAME</b> BANDINI FERTILIZER COMPANY		<b>EMERGENCY TELEPHONE NO.</b> <b>CHEMTREC</b> <b>(800) 424-9300</b> <b>MANUFACTURER</b> <b>(213) 263-7391</b>
<b>ADDRESS (Number, Street, City, State and Zip Code)</b> 4139 BANDINI BLVD., LOS ANGELES, CA 90023		
<b>CHEMICAL NAME AND SYNONYMS</b> <p style="text-align: center;">SEE SECTION II</p>	<b>TRADE NAME AND SYNONYMS</b> <p style="text-align: center;">0-10-10 SUPER BLOOM</p>	
<b>CHEMICAL FAMILY</b> INORGANIC SALT	<b>CHEMICAL FORMULA</b> <p style="text-align: center;">N/A</p>	
<b>HAZARD CLASS</b> NON-HAZARDOUS	<b>IDENTIFICATION NO.</b> <p style="text-align: center;">NONE</p>	<b>PLACARD/LABEL REQUIRED</b> <p style="text-align: center;">NONE</p>
SECTION II - HAZARDOUS INGREDIENTS		
TYPICAL ANALYSIS		
	<u>WT. %</u>	<u>CAS #</u>
POTASSIUM SULFATE (SULFATE OF POTASH)	20.00	7778-80-5
TREBLE SUPERPHOSPHATE	22.50	65996-95-4
GYPSITE	12.50	N/A
GYPSUM	35.00	10101-41-4
PLASTER	10.00	N/A
SECTION III - PHYSICAL DATA		
<b>BOILING POINT (°F.)</b> <p style="text-align: center;">N/A</p>	<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1)</b> <p style="text-align: center;">N/A</p>	
<b>VAPOR PRESSURE (mmHg.)</b> <p style="text-align: center;">N/A</p>	<b>PERCENT VOLATILE BY VOLUME (%)</b> <p style="text-align: center;">N/A</p>	
<b>VAPOR DENSITY (AIR = 1)</b> <p style="text-align: center;">N/A</p>	<b>EVAPORATION RATE (_____ =1)</b> <p style="text-align: center;">N/A</p>	
<b>SOLUBILITY IN WATER</b>		
<b>APPEARANCE AND ODOR</b> <p style="text-align: center;">GRAY GRANULES</p>		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA		
<b>FLASH POINT (METHOD USED)</b> <p style="text-align: center;">NON-FLAMMABLE</p>	<b>FLAMMABLE</b>	<b>LIMITS</b>
<b>EXTINGUISHING MEDIA</b> USE SUITABLE AGENT FOR SURROUNDING FIRE.		
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> APPROVED SELF-CONTAINED BREATHING APPARATUS FOR FIRE FIGHTERS.		
<b>USUSUAL FIRE AND EXPLOSION HAZARDS</b> TOXIC GASES CAN BE LIBERATED IF HEATED TO DECOMPOSING TEMPERATURE.		
OXIDES OF PHOSPHOROUS, AND FLUORINE.		

0-10-10 SUPER BLOOM

### SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

AS A NUISANCE DUST: 10 Mg/M<sup>3</sup> - PEL-ACGIH - 1991

EFFECTS OF OVER EXPOSURE

PROLONGED CONTACT MAY BE MILDLY TO MODERATELY IRRITATING TO SKIN, EYES, AND RESPIRATORY MUCOUS MEMBRANES. IF INGESTED MAY BE SLIGHTLY TOXIC DUE MAINLY TO THE AMMONIA SALTS.

EMERGENCY AND FIRST AID PROCEDURES

SKIN - WASH WITH SOAP AND WATER. EYES - WASH FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES. INGESTED - IF INGESTED GIVE LARGE AMOUNTS OF WATER, THEN TAKE PERSON AND CONTAINER TO NEAREST EMERGENCY TREATMENT CENTER OR HOSPITAL. NOT LISTED AS A CARCINOGEN BY OSHA OR NTP.

### SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	MOISTURE AND OVERHEATING. KEEP AWAY FROM MINERAL ACIDS.

INCOMPATIBILITY (MATERIALS TO AVOID)

MINERALS ACIDS

HAZARDOUS DECOMPOSITION PRODUCTS

AMMONIA AND FLUORINE

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

### SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

CLEAN SPILLS IMMEDIATELY, OBSERVE PRECAUTIONS IN SPECIAL PROTECTION SECTION IV. CONTAIN TO PREVENT ENTRY INTO SEWER OR WATER COURSE.

WASTE DISPOSAL METHOD

PLACE CONTAMINATED MATERIAL IN DISPOSABLE CONTAINERS AND DISPOSE OF IN A MANNER CONSISTENT WITH APPLICABLE REGULATIONS. ALWAYS CHECK WITH LOCAL HEALTH AUTHORITIES FOR APPROVED DISPOSAL METHODS. RECLAIM MATERIAL IF PRACTICABLE.

### SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

USE NIOSH/MSHA APPROVED RESPIRATOR FOR NUISANCE DUST.

VENTILATION OPEN	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES

CHEMICAL RESISTANT

EYE PROTECTION

CHEMICAL GOGGLES

OTHER PROTECTIVE EQUIPMENT

USE NIOSH/MSHA APPROVED RESPIRATOR FOR NUISANCE DUST.

### SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

AVOID CONTACT WITH EYES AND SKIN, WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. STORE IN DRY, COOL PLACE.

OTHER PRECAUTIONS

CORROSIVE TO COPPER, BRASS AND THEIR ALLOYS.

MATERIAL SAFETY DATA SHEET PREPARED: UPDATED 11/21/95

PREPARED BY BANDINI FERTILIZER COMPANY BY A. CERA (CHEMIST - IH)